

REMARKS

Claims pending in the instant application are numbered 1-30. Claims 1-3, 7, 10, 13-15, 18, 22, 23, 26 and 30 presently stand rejected. Claims 4-6, 8, 9, 11, 12, 16, 17, 19-21, 24, 25 and 27-29 are objected to.

Claims 1, 2, 5, 7, 14, 17, 22, 25 and 26 have been amended. Claims 16 and 24 have been cancelled. The Applicant respectfully requests reconsideration of the present application in view of the amendments and the following remarks.

Applicant Requests Clarification to Objections to the Specification

It is noted that on Form PTOL-982, the specification is objected to by the Examiner. However, objections to the specification are not identified in the Detailed Action. The Applicant respectfully requests clarification from the Examiner in the next Official Action.

Claim Objections

Claims 2, 5, and 26 are objected to because of informalities. Specifically, the phrase “wherein the identify” is unclear. Claims 2, 5, and 26 have been amended to recite “wherein the identification of the at least one pulse” as shown above. The Applicant respectfully requests the claim objections be withdrawn.

35 U.S.C. § 103 Rejections

Claims 1-3, 7, 10, 13-15, 18, 22, 23, 26 and 30 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Cole, Jr., U.S. Patent No. 6,549,022, in view of Tsujimoto, U.S. Patent No. 5,790,200.

Claims 1-13

Claim 1, as presently amended, expressly recites:

“an identification circuit coupled to the pulse manipulating circuit to automatically identify an at least one specific pulse in each of a sequence of clock signals to be manipulated by the pulse manipulating circuit.”

The Examiner's attention is also directed to at least page 6, lines 13-17, of the specification as originally filed.

On page 3 of the instant Office Action, the Examiner expressly acknowledges that Coles, Jr. fails to disclose an identification circuit. The Examiner asserts that Tsujimoto discloses an identification circuit. The Applicant respectfully disagrees.

Tsujimoto is directed to a horizontal synchronization signal stabilization method and apparatus. Tsujimoto discloses a composite synchronization signal identification circuit 36 that identifies whether a pulse signal is present in a region of the horizontal synchronization gate signal (S_{HG}) generated by circuit 34 (col. 7, lines 46-50). When a pulse is present, circuit 36 outputs a low level signal, and when a pulse is not present, the circuit outputs a high level signal (col. 7, lines 50-57). For example, when one or two pulses are present in the region, as shown in Figures 2A and 2B, then the output of circuit 36 indicates a pulse is present. However, circuit 36 does not identify a specific pulse as expressly claimed by the Applicant.

Thus, Cole, Jr. and Tsujimoto, whether taken singularly or in combination, fail to disclose, teach, or fairly suggest at least one of the expressly recited limitations of the

Applicant's invention as presently claimed. Accordingly, the present invention would not be rendered obvious by the cited references. Independent claim 7 distinguishes for at least the same reasons as claim 1. Claims 2-6 and 8-13 are dependent claims and distinguish for at least the same reasons as their independent base claims in addition to adding further limitations of their own. Therefore, the Applicant respectfully requests that the instant § 103 rejections to claims 1-13 be withdrawn.

Claims 14-30

Independent claims 14 and 22 have been amended to include allowable subject identified by the Examiner. Claims 15-21 and 23-30 properly depend from allowable independent claims and thus are allowable. Accordingly, the Applicant respectfully requests that the instant § 103 rejections to claims 14-30 be withdrawn.

Conclusion

The Applicant submits that in view of the remarks set forth herein, all pending claims are in condition for allowance. Therefore, the Applicant respectfully requests the Examiner to issue a Notice of Allowance in this case.

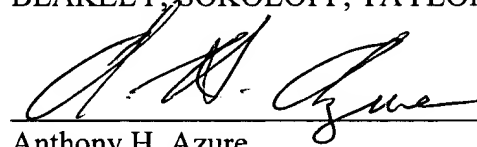
Charge Deposit Account

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Respectfully submitted,

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Date: Nov. 9, 2004



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